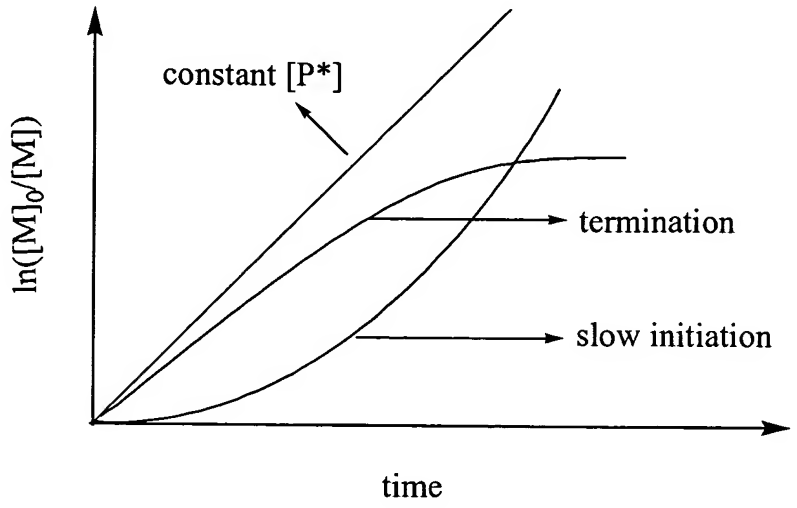

FIGURE 1

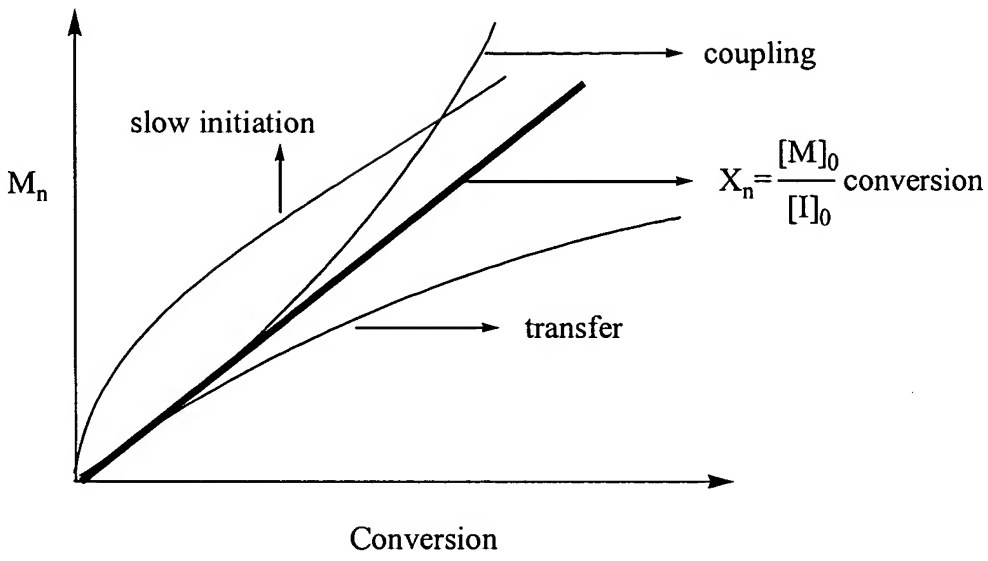
coupling
slow initiation
M_n
$X_n = \frac{[M]_0}{[I]_0}$ conversion
transfer
Conversion

FIGURE 2

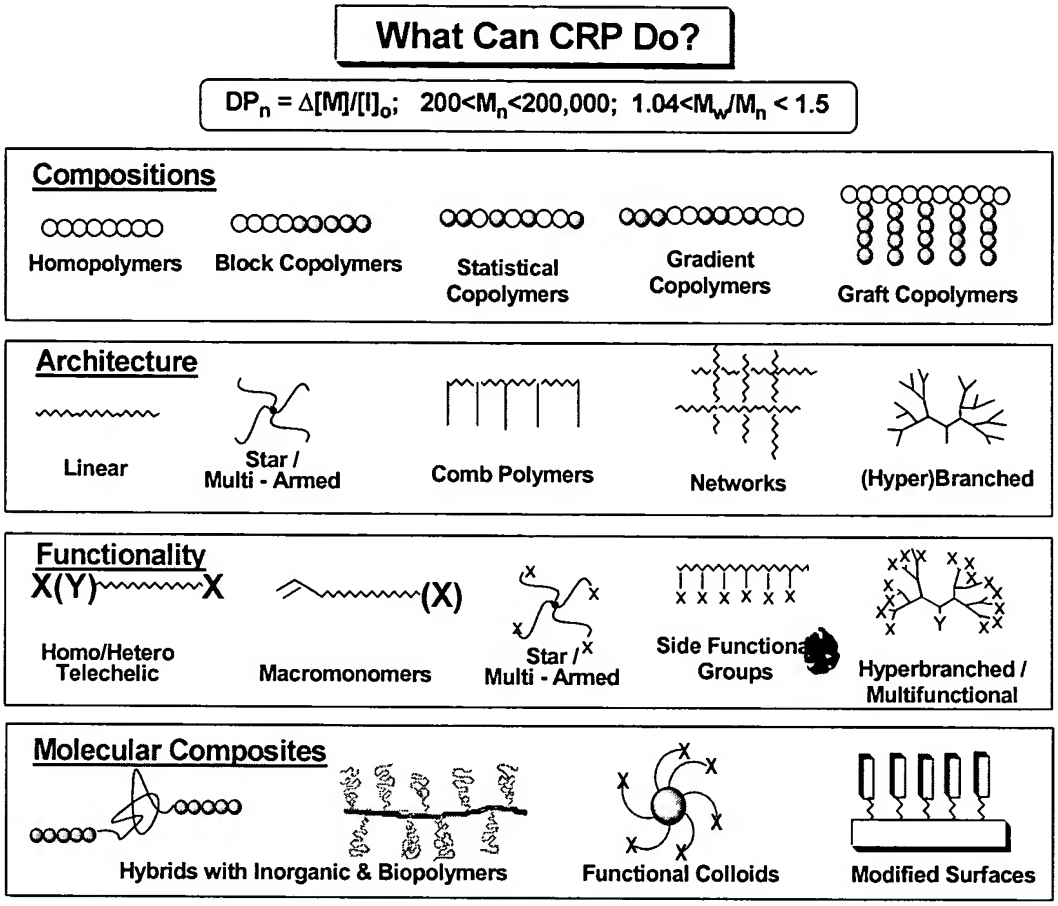
What Can CRP Do?
$DP_n = \Delta[M]/[I]_o$; $200<M_n<200,000$; $1.04<M_w/M_n<1.5$
Compositions
Homopolymers
Block Copolymers
Statistical Copolymers
Gradient Copolymers
Graft Copolymers
Architecture
Linear
Star / Multi - Armed
Comb Polymers
Networks
(Hyper)Branched
Functionality
X(Y)X
Homo/Hetero Telechelic
(X)
Macromonomers
Star / Multi - Armed
Side Functional Groups
Hyperbranched / Multifunctional
Molecular Composites
Hybrids with Inorganic & Biopolymers
Functional Colloids
Modified Surfaces

FIGURE 3

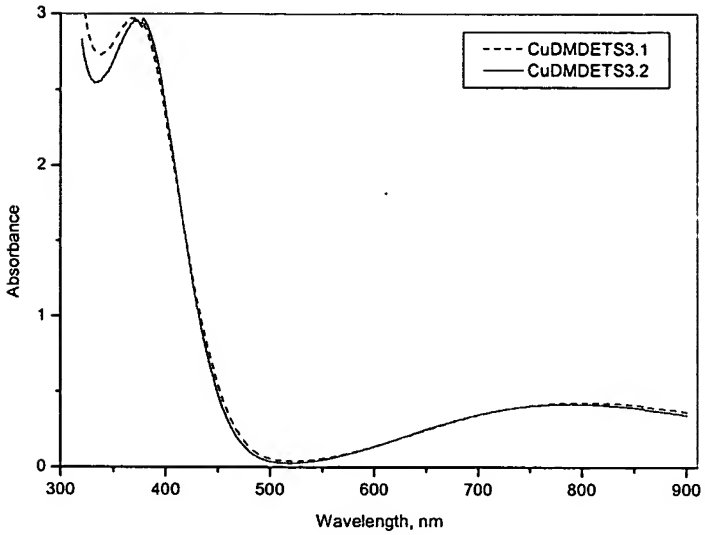
CuDMDETS3.1
CuDMDETS3.2
Absorbance
Wavelength, nm
0
1
2
3
300
400
500
600
700
800
900

FIGURE 4

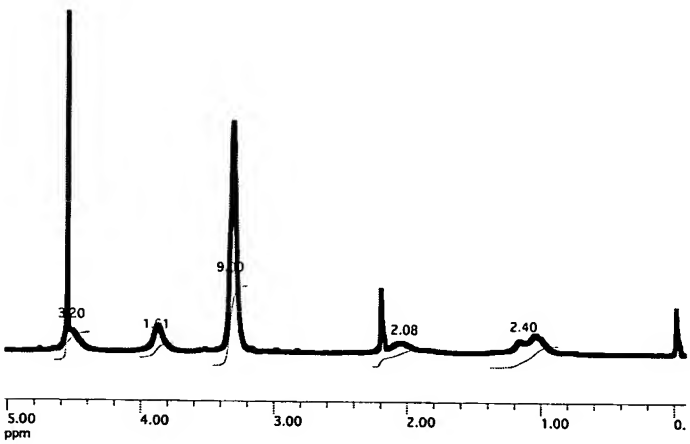

FIGURE 5